

Converting Colors

$Yxy(46.5768, 0.3145, 0.3207)$

Have a look what the booklet for
Yxy(46.5768, 0.3145, 0.3207)
contains.

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Color

Yxy(46.4767, 0.3149, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	BCB3BA
RGB	188, 179, 186
RGB Percent	74%, 70%, 73%
CMY	0.2627, 0.2980, 0.2707
CMYK	0.00, 0.05, 0.01, 0.26
HSL	314°, 6%, 72%
HSV	314°, 5%, 74%
XYZ	45.7217, 46.4767, 52.9959
YIQ	182.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

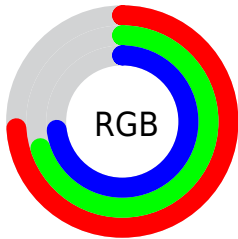
Format	Color
R _Y B	188, 179, 186
Decimal	12366778
CIE Lab	73.85, 4.47, -2.40
CIE LCh	74, 5.074, 331.743
Yxy	46.4767, 0.3149, 0.3201
Android (android.graphics.Color)	4290556858 (0xFFBCB3BA)
YUV	182.4890, 1.7309, 4.8331
Hunter-Lab	68.1738, 0.4092, 1.6317

Details

The Yxy color **46.4767, 0.3149, 0.3201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8956, 0.3106, 0.3381**, and the grayscale version is **47.0498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0606, 0.3144, 0.3220**, and **21.7661, 0.3157, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **39.2697, 0.3200, 0.3009**, and if you desaturate by 10%, it is **54.7208, 0.3105, 0.3384**.

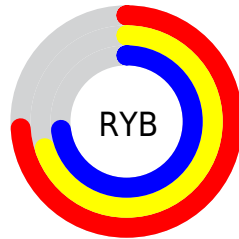
Distribution



Red (74%)

Green (70%)

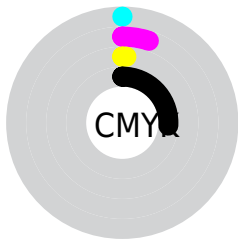
Blue (73%)



Red (74%)

Yellow (70%)

Blue (73%)

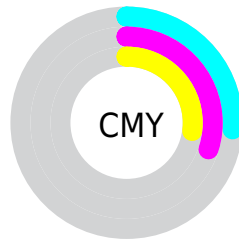


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (30%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.4767, 0.3149, 0.3201 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 46.4767, 0.3149, 0.3201 by changing the saturation by 10% instead.

■ 46.4767, 0.3149,
0.3201

■ 46.4767, 0.3149,
0.3201

372.7218, 0.3138,
0.3245

■ 32.6222, 0.3152,
0.3190

■ 84.9320, 0.3145,
0.3217

■ 21.8372, 0.3155,
0.3176

110.3015, 0.3144,
0.3223

■ 13.7373, 0.3159,
0.3157

140.2781, 0.3142,
0.3228

■ 7.9382, 0.3166,
0.3131

175.2463, 0.3141,
0.3233

■ 4.0554, 0.3175,
0.3092

215.5903, 0.3140,
0.3236

■ 1.7046, 0.3189,
0.3029

261.6947, 0.3140,

■ 0.4266, 0.3270,

0.3240

0.2711

313.9437, 0.3139,
0.3243

0.0000, 0.0000,
0.0000

46.4767, 0.3149,
0.3201

46.4767, 0.3149,
0.3201

39.2697, 0.3200,
0.3009

54.7208, 0.3105,
0.3384

33.0523, 0.3259,
0.2812

64.0349, 0.3068,
0.3556

27.7825, 0.3326,
0.2616

74.4580, 0.3037,
0.3716

23.4127, 0.3401,
0.2426

86.0253, 0.3011,
0.3863

19.8913, 0.3484,
0.2254

86.7352, 0.2988,
0.3822

■ 17.1615, 0.3571,
0.2108

■ 86.9477, 0.2965,
0.3772

■ 15.1594, 0.3661,
0.1998

■ 87.1658, 0.2942,
0.3723

■ 13.8113, 0.3752,
0.1932

■ 87.3898, 0.2919,
0.3674

■ 13.0277, 0.3839,
0.1912

■ 87.6195, 0.2897,
0.3625

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.4767, 0.3078, 0.3172



46.4767, 0.3149, 0.3201



46.4767, 0.3215, 0.3253

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.4767, 0.3149, 0.3201



46.4767, 0.3235, 0.3408



46.4767, 0.2998, 0.3262

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.4767, 0.3149, 0.3201



48.8956, 0.3106, 0.3381

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.4767, 0.3040, 0.3327



46.4767, 0.3149, 0.3201



46.4767, 0.3176, 0.3411

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.4767, 0.3149, 0.3201



46.4767, 0.3265, 0.3372



46.4767, 0.3104, 0.3382



46.4767, 0.2991, 0.3206

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.4767, 0.3149, 0.3201



46.4767, 0.3247, 0.3295



46.4767, 0.3104, 0.3382



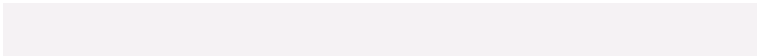
46.4767, 0.3009, 0.3284

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.4787, 0.3149, 0.3201



89.6370, 0.3132, 0.3271



45.6916, 0.3072, 0.3173



19.2926, 0.3131, 0.3272



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.4787, 0.3149, 0.3201



82.4109, 0.3155, 0.3176



46.2941, 0.3185, 0.3257



10.1236, 0.3157, 0.3168



8.6880, 0.3874, 0.1908



0.3496, 0.3685, 0.1804

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.4787, 0.3149, 0.3201



82.4109, 0.3155, 0.3176



49.0796, 0.3073, 0.3323



10.1236, 0.3157, 0.3168



8.6880, 0.3874, 0.1908



0.3496, 0.3685, 0.1804

Previews

White Background



This preview shows how the Yxy color 46.4767, 0.3149, 0.3201 looks on a white background.

Color Contrast Check

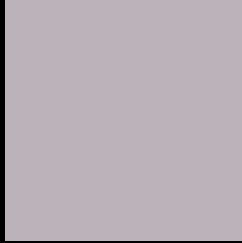
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 46.4767, 0.3149, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

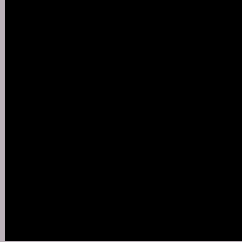
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

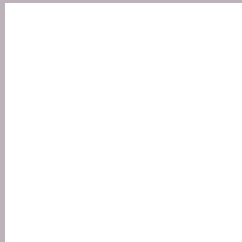
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.4767, 0.3149, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 46.4767, 0.3149, 0.3201.



This preview shows how white text looks on a background with the Yxy color 46.4767, 0.3149, 0.3201.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.4767, 0.3149, 0.3201

Protanopia

46.7029, 0.3097, 0.3212

Deuteranopia

46.5088, 0.3221, 0.3153



Tritanopia

46.4654, 0.3110, 0.3113

Trichromacy



Original Color

46.4767, 0.3149, 0.3201

Protanomaly

46.5447, 0.3114, 0.3200

Deuteranomaly

46.5015, 0.3194, 0.3164

Tritanomaly

46.3773, 0.3126, 0.3138

Monochromacy



Original Color

46.4767, 0.3149, 0.3201

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.6570, 0.3137, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4767, 0.3149, 0.3201 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(188, 179, 186)` looks like.

```
.text, #text, p{  
    color:rgb(188, 179, 186)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(188, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 179, 186) }
```

Border

The CSS property to change the border of an element to Yxy 46.4767, 0.3149, 0.3201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 179, 186) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(188, 179, 186) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(188, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(188, 179,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4767, 0.3149, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 179, 186) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(188,  
179, 186) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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